Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.   (Currently Amended) A method of providing a secure data stream between system nodes, the method comprising:

~~encrypting data at a node with an encryption key;~~

providing a data record block including a plurality of data records encrypted within a predetermined time interval;

providing a previous encryption key;

selecting ~~encrypted data~~ an old data record from the plurality of data records; and

regenerating a new encryption key at a user node ~~with an~~ as a function of the previous encryption key and ~~selected encrypted data~~ the old data record.

2.   (Currently Amended) The method of claim 1 wherein the step of selecting ~~encrypted data~~ the old data record comprises selecting ~~encrypted data~~ the old data record using a byte from [[a]] the previous encryption key as a seed of random generation.

3.   (Currently Amended) The method of claim 1 wherein the step of regenerating [[a]] the new encryption key comprises regenerating a new encryption key by performing a logic operation on [[a]] the previous encryption key and ~~selected encrypted data~~ the old data record.

4.   (Currently Amended) The method of claim 3 wherein the step of regenerating [[a]] the new encryption key by performing a logic operation comprises regenerating [[a]] the new

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encryption key by performing an XOR logic operation on [[a]] the previous encryption key and s̶e̶l̶e̶c̶t̶e̶d̶ ̶e̶n̶c̶r̶y̶p̶t̶e̶d̶ ̶d̶a̶t̶a̶ the old data record.

5.   (Currently Amended) The method of claim 3 wherein the step of regenerating [[a]] the new encryption key by performing a logic operation comprises performing [[a]] the logic operation on [[a]] the previous encryption key and s̶e̶l̶e̶c̶t̶e̶d̶ ̶e̶n̶c̶r̶y̶p̶t̶e̶d̶ ̶d̶a̶t̶a̶ the old data record to form an expanded key.

6.   (Currently Amended) The method of claim 5 further comprising the step of selecting bytes from [[an]] the expanded key to generate the new encryption key.

7.   (Currently Amended) The method of claim 6 wherein the step of selecting bytes from [[an]] the expanded key to generate the new encryption key comprises randomly selecting bytes from [[an]] the expanded key to generate the new encryption key.

8.   (Currently Amended) The method of claim 7 wherein the step of randomly selecting bytes from [[an]] the expanded key to generate the new encryption key comprises randomly selecting bytes from [[an]] the expanded key using a byte from [[a]] the previous encryption key as a seed of random generation.

9.   (Currently Amended) The method of claim 1 further comprising the step of encrypting [[data]] a new data record with [[a]] the new encryption key forming a new encrypted data record.

10.   (Currently Amended) The method of claim 9 wherein the step of encrypting [[data]] the new data record with [[a]] the new encryption key comprises performing a logic operation on the [[data]] new data record and the new encryption key.

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11.   (Currently Amended) The method of claim 10 wherein the step of performing a logic operation on the [[data]] new data record and the new encryption key comprises performing an XOR operation on the [[data]] new data record and the new encryption key.

12.   (Currently Amended) The method of claim 10 wherein the step of performing a logic operation on the [[data]] new data record and the new encryption key comprises forming a cipher.

13.   (Original)   The method of claim 12 further comprising the step of permuting portions of the cipher to form another cipher.

14.   (Currently Amended) The method of claim 9 further comprising the step of transmitting encrypted data the new encrypted data record over a data stream.

15.   (Currently Amended) The method of claim 14 further comprising the step of receiving encrypted data the new encrypted data record at a destination node.

16.   (Currently Amended) The method of claim 15 further comprising the step of decrypting encrypted data the new encrypted data record at the destination node.

17.   (Currently Amended) The method of claim 16 wherein the step of decrypting encrypted data the new encrypted data record comprises decrypting the new encrypted data record with a previous decryption key forming a new decrypted data record.

18.   (Currently Amended) The method of claim 17 further comprising the step of regenerating a new decryption key using selected decrypted data as a function of the new decrypted data record and [[a]] the previous decryption key.

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19.   (Currently Amended) A system for providing a secure data stream between a source programmable apparatus and a destination programmable apparatus, the system comprising:

a source programmable apparatus;

a data stream created by said source programmable apparatus;

means for encrypting [[data]] a data record of said data stream with [[an]] a previous encryption key forming an encrypted data record; and

means for regenerating a new encryption key using selected ~~previously encrypted data~~ as a function of the previous encryption key and an old data record.

20.   (Currently Amended) The system of claim 19 further comprising:

a destination programmable apparatus in ~~electrical~~ communication with said source programmable apparatus;

means for transmitting ~~encrypted data~~ the encrypted data record to said destination programmable apparatus;

means for decrypting said ~~encrypted data~~ the encrypted data record received at said destination programmable apparatus with a previous decryption key forming a decrypted data record; and

means for regenerating a new decryption key ~~using selected previously decrypted data~~ as a function of the previous decryption key and the decrypted data record.